POWERPLAY TECH

Team Members

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Project Title: Eagles Academy Website

Client: Eagles Academy and Adults Education – Kyeremankomah, Kintampo North
Contact: 0553964007

1. Introduction

Sprint 2 ran from 05 July – 12 July 2025, building on the foundation established in Sprint 1. The main objectives included implementing the news/events page and gallery module. These features are important for enhancing the school's visibility, improving communication, and providing accessible information to users. The team continued to follow agile principles, refining user stories and updating the backlog accordingly (Pressman & Maxim, 2020).

2. Updated Sprint Backlog

Task ID	Description	Story Points
US4	View News/Events	3
US5	Browse Gallery (with filters)	5

Total backlog points: 8 points

Sprint Velocity Assumption: 8 points per sprint

3. Functionality Implemented

By the end of Sprint 2, the team delivered,

1. News/Events Page: Dynamic section for posting and viewing latest school news and event updates, built using responsive HTML/CSS and basic JavaScript for interactivity.
2. Gallery Module which allows users to browse images by event or year with a basic filter functionality. The team was able to obtain images from the client which were used for integration testing.

These achievements align with the project proposal's second sprint deliverables and provide essential information and engagement functionality for stakeholders.

4. User Stories

Sprint 2 handled features most relevant to parents, students, and community visitors. Scenario based modeling was used to prioritize these stories.

Epic ID	Description	Derived User Stories
E3	School Visibility	US4 (View News/Events), US5 (Browse Gallery)

Story Sizing (Fibonacci series used)

 US4: 3 points

 US5: 5 points

Total: 8 points

5. Lessons Learned

What went well

1. The team improved planning and accountability, resulting in timely delivery of all sprint goals.
2. Collaboration and communication were more effective, with tasks clearly assigned and tracked (Kanban board used on Github).
3. Stakeholders provided timely feedback which helped refine gallery and news page layouts.
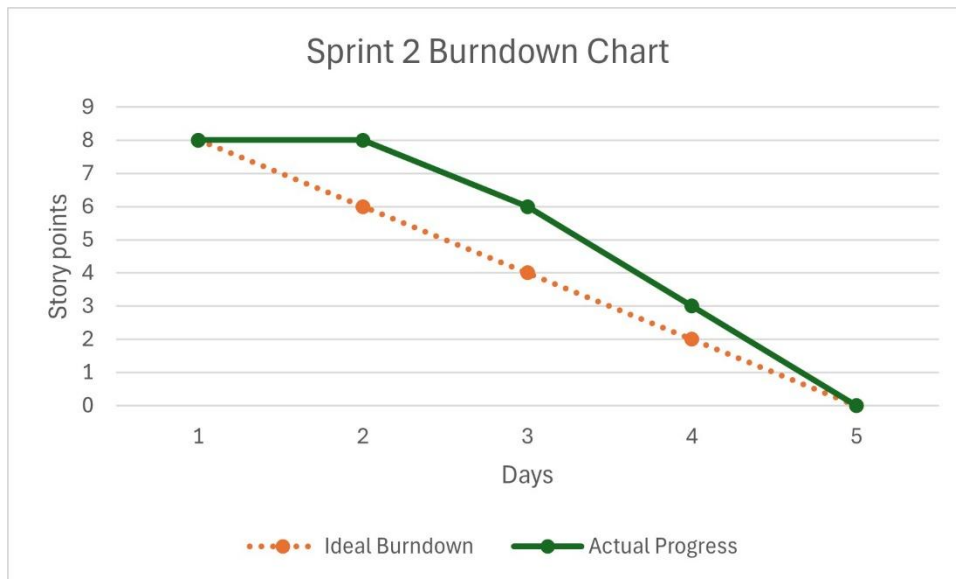
What did not go well

1. Substantial integration challenges arose between gallery filtering and news/event updates.
2. Some delays occurred due to unexpected issues with image metadata formatting.

Improvements for Next Sprint

1. Provide buffer time for integration testing.
2. Maintain regular stakeholder feedback sessions.

6. Velocity & Burndown Chart

Planned Story Points: 3

Completed Story Points: 3 (US4 completed; US5)

Sprint Velocity: 8 points

7. Quality & Metrics

Overall, the team improved responsiveness and accessibility across devices for new pages.

Quality Assurance

The team carried out manual testing of navigation, filtering, and downloads on multiple browsers (Chrome, Edge, Firefox).

The team also conducted peer reviews of code and design elements.

Metrics

Informal checks confirmed pages load in about eight seconds and filters operate as intended.

8. Collaboration and Tools

Collaboration

Tasks assigned and tracked via GitHub project board (Kanban board).

Daily standups and sprint reviews held on Microsoft Teams.

Tools

GitHub (version control, issue tracking)

Figma (UI refinements)

Microsoft Teams (communication)

WhatsApp (quick team updates)

9. Conclusion

Sprint 2 successfully expanded the Eagles Academy Website with new informational and interactive features, despite minor integration challenges. The groundwork is now set for Sprint 3, which will focus on the enrollment form with exam date selector and search functionality.

References

Pressman, R. S., & Maxim, B. R. (2020). Software Engineering: A Practitioner's Approach (9th ed.). McGrawHill.